EFFICIENT DISTRIBUTION OF ENCRYPTED CONTENT FOR MULTIPLE CONTENT ACCESS SYSTEMS

ABSTRACT OF THE DISCLOSURE

A system and method for digital data distribution is disclosed. The system and method provides a set of one or more source streams encoded by an encoder to form a common data stream for distribution to a plurality of destination systems, each authorized to access at least a portion of the common data stream. Encryption comprises obtaining the source stream, identifying some blocks of the source stream as secure blocks, identifying some other blocks of the source stream as unsecured blocks, encrypting the secure blocks for each of a plurality of destination system classes wherein each of the plurality of destination systems is a member of one or more destination system classes, and each of the blocks of an encrypted secure block set is decryptable by destination systems in the class associated with that encrypted secure block set.